

WHAT WE CLAIM IS:

1. A write/read head supporting mechanism comprising a slider provided with an electromagnetic transducer element or an optical module, and a suspension, wherein said slider
5 is supported on said suspension by way of an actuator for displacing said slider, and

a ground region that said suspension has is electrically connected to said slider by means of an electrical connecting member that is movable and/or
10 deformable in a displacement direction of said slider by said actuator.

2. The write/read head supporting mechanism according to claim 1, wherein said suspension is made up of an electrically conductive material, and said suspension itself
15 is utilized as said ground region.

3. The write/read head supporting mechanism according to claim 1, wherein said suspension is provided on a surface thereof with a grounding electrode as said ground region.

4. A write/read head supporting mechanism comprising
20 a slider provided with an electromagnetic transducer element or an optical module, and a suspension, wherein said slider is supported on said suspension by way of an actuator for displacing said slider, and

at least a part of said actuator is provided with an electrically conductive region, by way of which a ground
25 region that said suspension has is electrically connected to said slider.

5. The write/read head supporting mechanism according to claim 4, wherein a ground electrode used to drive said
30 actuator is utilized as said electrically conductive region.

6. A write/read head supporting mechanism comprising a slider provided with an electromagnetic transducer element or an optical module, and a suspension, wherein said slider
is supported on said suspension by way of an actuator for
35 displacing said slider, and which comprises an interconnecting pattern including a wire for electrical connection to said electromagnetic transducer element or

said optical module and a grounding wire for electrical connection to said slider, said interconnecting pattern comprising a close-contact wire in close contact with said suspension and a floating wire that extends away from said suspension to said slider and is movable and/or deformable in a displacement direction of said slider by said actuator.

7. A write/read head supporting mechanism comprising a slider provided with an electromagnetic transducer element or an optical module, and a suspension, wherein said slider is supported on said suspension by way of an actuator for displacing said slider,

a leading end portion of said suspension comprises a flexible region that is curved or bent toward a slider side and movable and/or deformable in a displacement direction of said slider by said actuator, and

an interconnecting pattern is in close contact with a surface of said flexible region, said interconnecting pattern comprising a wire for electrical connection to said electromagnetic transducer element or said optical module and a grounding wire for electrical connection to said slider.

8. The write/read head supporting mechanism according to claim 6 or 7, wherein said suspension is made up of an electrically conductive material, and said grounding wire led out of said interconnecting pattern is electrically connected to said suspension.

9. A write/read system comprising a write/read head supporting mechanism as recited in any one of claims 1 to 8.